



1635

RECEIVED ENTERED 1600

MAR 20 2002

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/338,141 DATE 03/06/2002 TIME 12:43:54

Input Set : A:\Agilent1.app

Output Set: N:\CRF3\03062002\I358141.raw

3 <110> APPLICANT: Agilent Technologies
5 <120> TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
6 Secondary Structure
8 <130> FILE REFERENCE: 10990393-1
10 <140> CURRENT APPLICATION NUMBER: 09/358,141
11 <141> CURRENT FILING DATE: 1999-07-20
13 <160> NUMBER OF SEQ ID NOS: 14
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 12
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer 1
25 <400> SEQUENCE: 1
26 cgataggctc tg 12
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 30
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence:Template 1
37 <400> SEQUENCE: 2
38 ttgtccacag ttcagtccca gaggctatcg 30
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 6
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer 2
49 <400> SEQUENCE: 3
50 gactga 6
53 <210> SEQ ID NO: 4
54 <211> LENGTH: 6
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer 3
61 <400> SEQUENCE: 4
62 gctctg 6
65 <210> SEQ ID NO: 5
66 <211> LENGTH: 14
67 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/358,141

DATE: 03/06/2002

TIME: 12:43:54

Input Set : A:\Agilent1.app

Output Set: N:\CRF3\03062002\I358141.raw

```

68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer 4
73 <400> SEQUENCE: 5
74 ctatccgatac catc 14
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 56
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Template 2
85 <400> SEQUENCE: 6
86 tacgctgtgg acaaagtgtg agactgtttc gagactgaac ttgatggatac ggatag 56
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 56
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence:Extensio
96 Product 1
98 <400> SEQUENCE: 7
99 ctatccgatac catcaagttc agtctcgaaa cagtctcaac atttgtccac agcgta 56
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 56
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 21AT
110 <400> SEQUENCE: 8
111 ctatccgatac catcaagttc agtctcgaaa gagactgaac atttgtccac agcgta 56
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 56
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 21DS
122 <400> SEQUENCE: 9
123 ctatccgatac catcddgssc dgscscgddd gdgdcsgddc dsssgscddc dgcgscd 56
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 56
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 26AT
134 <400> SEQUENCE: 10
135 ctatccgatac catcaagttc agtctcgaaa gagtctcaac atttgtccac agcgta 56
138 <210> SEQ ID NO: 11
139 <211> LENGTH: 56
140 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/358,141

DATE: 03/06/2002

TIME: 12:43:54

Input Set : A:\Agilent1.app

Output Set: N:\CRF3\03062002\I358141.raw

141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 26DS
146 <400> SEQUENCE: 11
147 ctatccgata catcddgssc dgscscgdc dscgddsc dsssgscdc dgcgsd 56
150 <210> SEQ ID NO: 12
151 <211> LENGTH: 56
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 28AT
158 <400> SEQUENCE: 12
159 ctatccgata catcaagttc agtctcgaaa cagtctcaac atttgtccac agcgta 56
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 56
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Hairpin 28DS
170 <400> SEQUENCE: 13
171 ctatccgata catcddgssc dgscscgdc dscgdddcsc dsssgscdc dgcgsd 56
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 30
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:Target ZT
182 <400> SEQUENCE: 14
183 ttgtccacag ttcagtctca gagcctatcg 30

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/358,141

DATE: 03/06/2002

TIME: 12:43:55

Input Set : A:\Agilent1.app

Output Set: N:\CRF3\03062002\I358141.raw